Region 5 2007 Source Reduction Grants Project Summaries

Region 5 Contact: Phil Kaplan, P2 Coordinator, 312-353-4669, Kaplan.phil@epa.gov

P2 Grants

ILLINOIS

Recipient: Illinois EPA (IEPA)
Grant # / Project title: NP00E01101-1 / "Minimizing the Environmental Footprint of Metal Working Fluids"
EPA Funding: $77,000 FY07 funds amended to $85,000 FY06 funds and the project period extended 1 year to 9/30/08.
Through a joint partnership, IEPA and the Illinois Waste Management and Research Center (WMRC) will continue "The Cutting Edge Partnership" to promote P2 and other improved environmental strategies to machine tool facilities to reduce the environmental impact of metal working fluids. These strategies are multi-media, including source reduction, design for the environment principles, green purchasing and innovative in-process recycling technologies.
Contact: Kevin Greene, 217-785-0833; Kevin.Greene@illinois.gov

INDIANA

Recipient: Indiana Department of Environmental Management (IDEM)

Grant # / Project title: NP00E30901 / "Linking P2 and EMS to Manufacturing Quality & Production Efficiency Improvement Programs"

EPA Funding: $76,000

This two-year project "Linking Pollution Prevention and Environmental Management Systems to Lean Manufacturing" will enable IDEM to work with facilities that are adopting continuous improvement in their manufacturing processes to also include pollution prevention initiatives. This will help ensure that manufacturers include environmental considerations in their production efficiency improvement programs.
Contact: Karen Teliha, 317/233-5555, kteliha@idem.in.gov

MICHIGAN

Recipient: Michigan Dept. of Environmental Quality (MDEQ)
Grant # / Project title: NP00E29101 / "Advancing Michigan's P2 Partnerships"
EPA Funding: $76,000

In this two-year project, MDEQ will advance environmental stewardship programs through the development and distribution of targeted, specific pollution prevention information via workshops and Webinars. Emphasis will be given to cross-sector activities where more than one industry will benefit from the information.
Contact: Robert Jackson, 517/373-2731, jacksorc@michigan.gov

MINNESOTA
Recipient: Minnesota Pollution Control Agency (MPCA)
Grant # / Project title: NP0096506502-1 / P2 Regulatory Integration: prevention projects, regulatory integration program development and continuous improvement activities.

EPA Funding: $82,000 FY07 P2 Grant funds amended to $83,700 FY06 funds.

MPCA will continue to build its capacity for pollution prevention (P2) regulatory integration through a combination of projects and program development activities to address specific regulatory issues with prevention-oriented solutions. Projects include: Publicly Owned Treatment Works Phosphorus Reduction Initiative; Lake City Low-Impact Demonstrations; P2 Regulatory Integration Communication Strategy; P2 Technical Assistance Capacity Building; and Program Evaluation and Systems Development.

Contact: Phyllis Strong, 651-296-9207, Phyllis.Strong@state.mn.us

OHIO
Recipient: University of Toledo
Grant # / Project title: NP00E00701-1 / Coordinate Ohio Statewide Environmental Network P2 Technical Assistance.

EPA Funding: $82,000 FY07 P2 Grant funds amended to existing $71,536 FY06 funds and project period extended one year to 9/30/08.
University of Toledo and members from the Ohio Statewide Environmental Network (OSEN) will continue to provide comprehensive pollution prevention (P2) planning and implementation efforts statewide. Activities include training seminars in source reduction techniques and direct P2 technical assistance including environmental management systems, clean manufacturing and energy efficiency assessments targeted to small and medium size manufacturers.
Contact: Ashok Kumar, 419-530-8136; akumar@utnet.utoldeo.edu

WISCONSIN
Recipient: University of Wisconsin - SHWEC
Grant # / Project title: NP00E27301 / P2 in Wisconsin

EPA Funding: $83,138

The University of Wisconsin Extension's Solid and Hazardous Waste Education Center (SHWEC) will initiate a Wisconsin Hospitals for a Healthy Environment program to reduce waste and improve effectiveness of pollution prevention (P2) efforts in healthcare facilities by conducting waste assessments and developing a pilot student internship program to assist hospitals in P2 projects. A second project will be implemented to develop a P2 training module for fertilizer and pesticide bulk storage facilities. Lastly, SHWEC will evaluate best management practices for hazardous air pollutant area source categories.

Contact: Steve Brachman, 414-227-3160, brachman@uwm.edu

P2Rx Grant

Recipient: University of Illinois-Waste Management & Research Center (WMRC)
Grant # / Project title: NP00E15901-1 / Great Lakes Regional P2 Roundtable (GLRPPR) P2Rx Center
EPA Funding: $92,000 FY07 Pollution Prevention Information Network funds amended to existing $103,000 FY 06 funds and project period extended one additional year to 12/31/08.

WMRC continues networking efforts of the Pollution Prevention Resource Exchange (P2Rx) in the development of information resources for use by P2 programs in the Region in collaboration with seven other regional P2Rx centers. Through continued development of web page content, on-line resources, and other P2 services for GLRPPR, WMRC will increase awareness, accessibility and usability of P2 resources by P2 assistance providers and businesses.

Contact: Bob Iverson, 217-333-8946, biverson@wmrc.uiuc.edu

Source Reduction Assistance (SRA) Grants

Recipient: University of Minnesota - Minnesota Technical Assistance Program (MnTAP)
Grant# / Project title: X900E41101 / Reducing Waste from Medical Device Manufacturing
EPA Funding: $51,782

This two-year project aims to inform medical device manufacturers and their suppliers about source reduction options and implement them through technical assistance approaches. MnTAP will develop expertise in the medical device manufacturing industry and its supply chain and build capacity to support this diverse industry. MnTAP will sponsor the placement of students from MnTAP's Pollution Prevention intern program at one or two manufacturers.

Contact: Cindy McComas, 612-624-4678, mccom003@umn.edu

Recipient: University of Illinois-Waste Management & Research Center (WMRC)
Grant # / Project title: X900E10601-1 / Great Lakes Regional P2 Roundtable (GLRPPR) Executive Director
EPA Funding: $53,625 FY 07 SRA funds amended to $41,995 FY 06 funds to extend the project one-year to 9/30/08.

WMRC will continue to provide an Executive Director for GLRPPR to chair the Steering Committee, arrange Regional Roundtable conferences, and improve information sharing and collaboration of P2 activities across the Region 5 states.

Contact: Bob Iverson, 217-333-8946, biverson@wmrc.uiuc.edu

Recipient: Techsolve, Inc.
Grant # / Project title: X900E41001 / P2 Internship Program in Hamilton and Butler Counties Ohio
EPA Funding: $42,553

This two-year project is a partnership between TechSolve, Inc. (the local Manufacturing Extension Partnership assistance center), the Hamilton County Solid Waste Management District

and the Butler County Department of Environmental Services to develop a two-county Pollution Prevention (P2) Internship program. The partners will develop an intern training program, recruit companies for placement of the interns in the summer of 2008, recruit a dozen local university students, and train the students in P2 and waste reduction strategies. The interns will receive on-site technical support during their placement at the companies and will complete case summary reports as a guide to implement suggested P2 projects.

Contact: Mary Beth Holley, 513-948-2038, holley@techsolve.org

Recipient: Warren County Ohio Soil & Water Conservation Dist. (SWCD).
Grant # / Project title: X900E41301 / Warren County Storm Water Initiative

EPA Funding: $36,625

The Warren County Storm Water Initiative will demonstrate low impact development (LID) techniques including the installation of rain gardens during this 1 ½ year project. The SWCD will use this project to encourage other government agencies, homeowners' association, commercial and residential developers, and landscapers to use LID practices by demonstrating how on-site retention and reduction of impervious surfaces can minimize the impact of development on water resources.
Contact: Marsha Rolph, 513-695-1337, mrolph@yahoo.com

Recipient: University of Illinois-Waste Management & Research Center (WMRC)
Grant # / Project title: X900E34501 / Biodiesel Production in Illinois Schools
EPA Funding: $30,000
WMRC will conduct demonstrations at six to eight high schools over one-year to produce biodiesel from cafeteria waste vegetable oil. WMRC engineers will deliver training on biodiesel production and demonstration techniques. Each of the schools will have on-site sessions using a self-contained biodiesel production system to produce batches of fuel for school vehicles resulting in waste and emissions reduced, petroleum conserved, and money saved.
Contact: Tim Lindsey, 217-333-8940, tlindsey@wmrc.uiuc.edu

Recipient: Hospitals for a Healthy Environment (H2E)
Grant # / Project title: X100E31501 / Ohio Hospitals E-Waste Reduction Project
EPA Funding: $12,359 SRA funds supplements $20,927 Solid Waste Management Assistance funds.
H2E will plan and implement a comprehensive electronics purchasing and recycling program in healthcare facilities in Ohio in partnership with Ohio Hospital Assoc., Ohio EPA and regional hospitals and healthcare systems.
Contact: Laura Brannen, 603-795-9966, laura.brannen@h2e-online.org and U.S.EPA-Region 5, Donna Twickler, 312-886-6184, twickler.donna@epa.gov